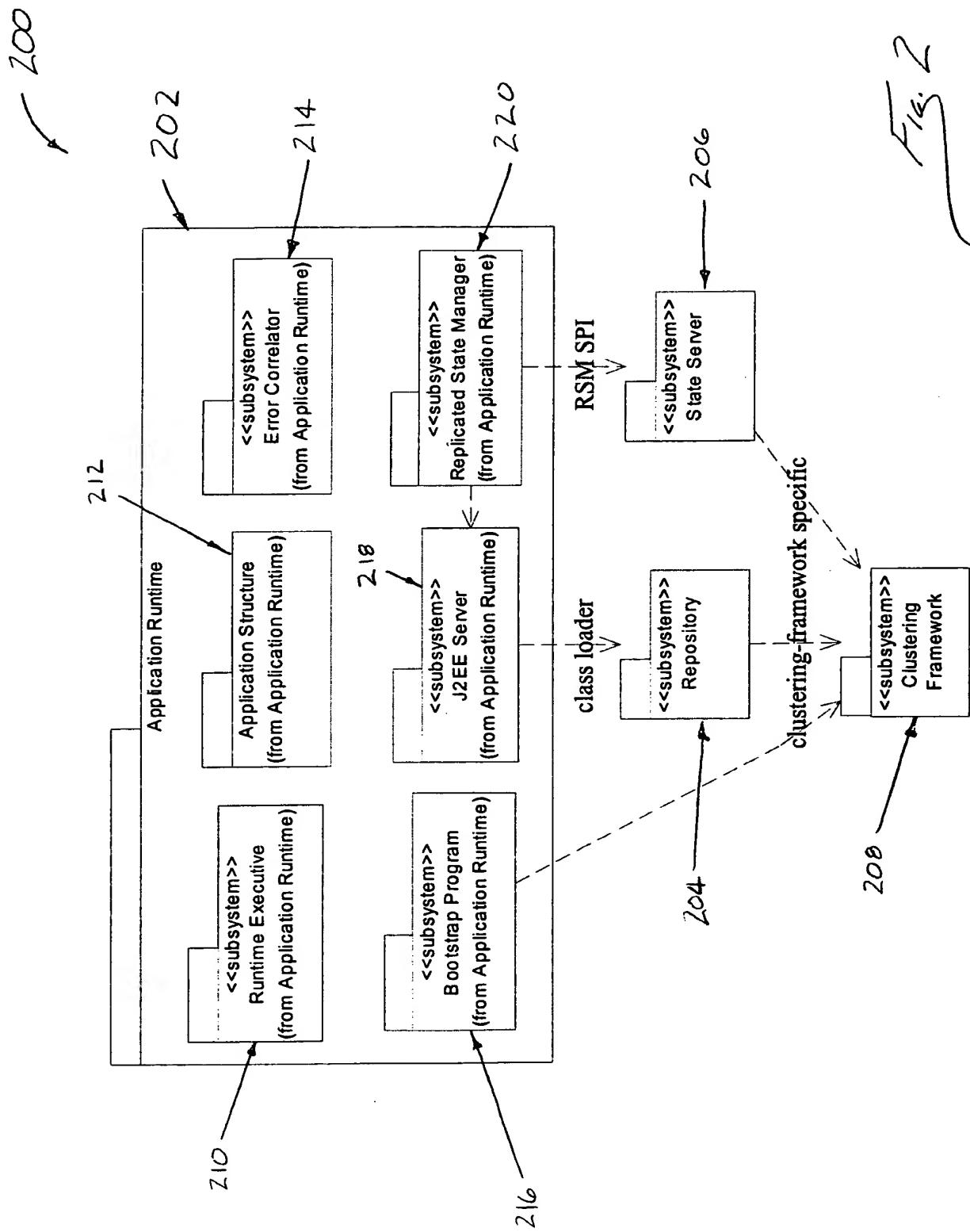


Fig. 1  
(Prior ART)



300

302

304

202

210

**JAVA Application**

**Service  
Modules**

**Control  
Module**

**Application Runtime**

**Runtime Executive**

Fig 3A

306

350

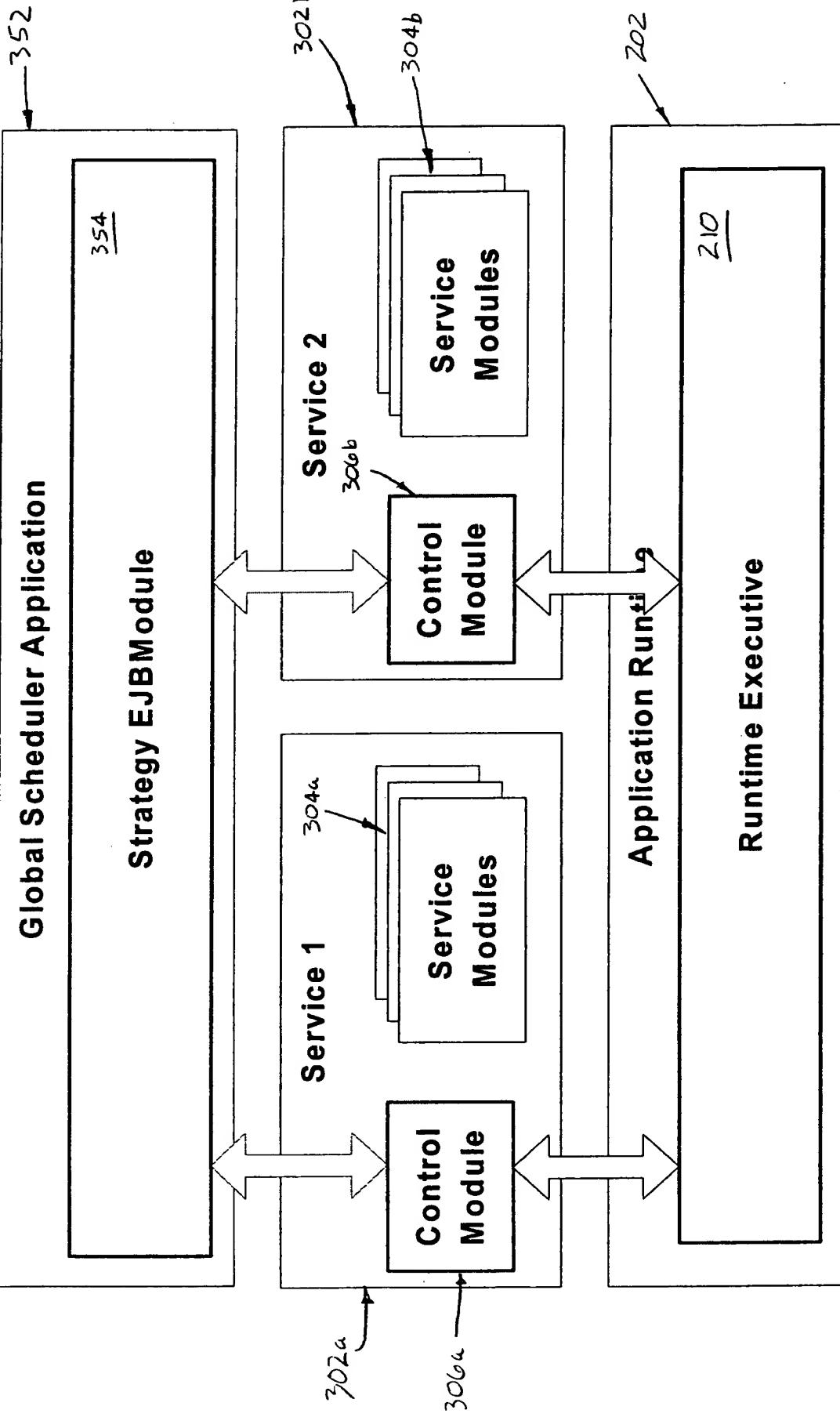
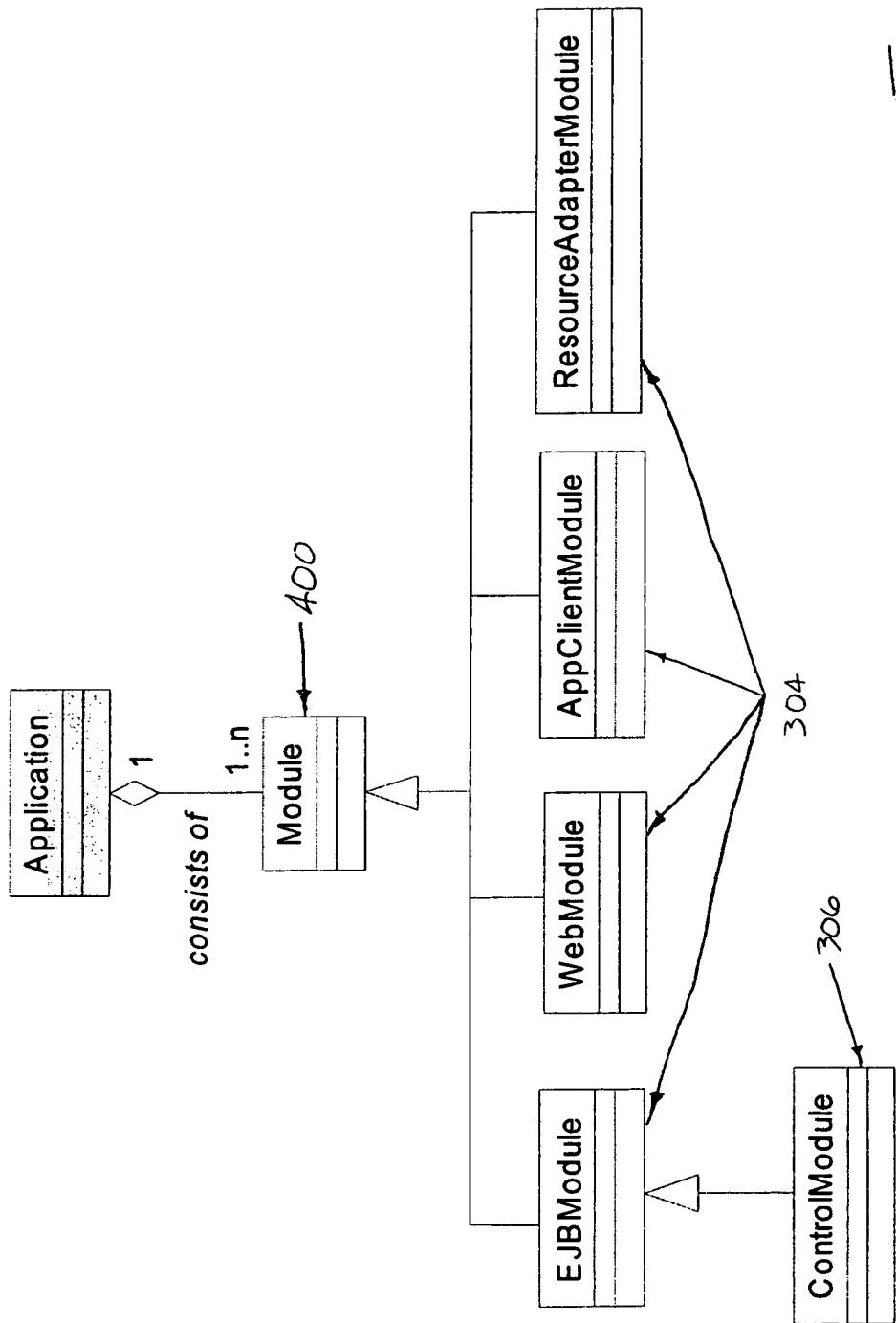
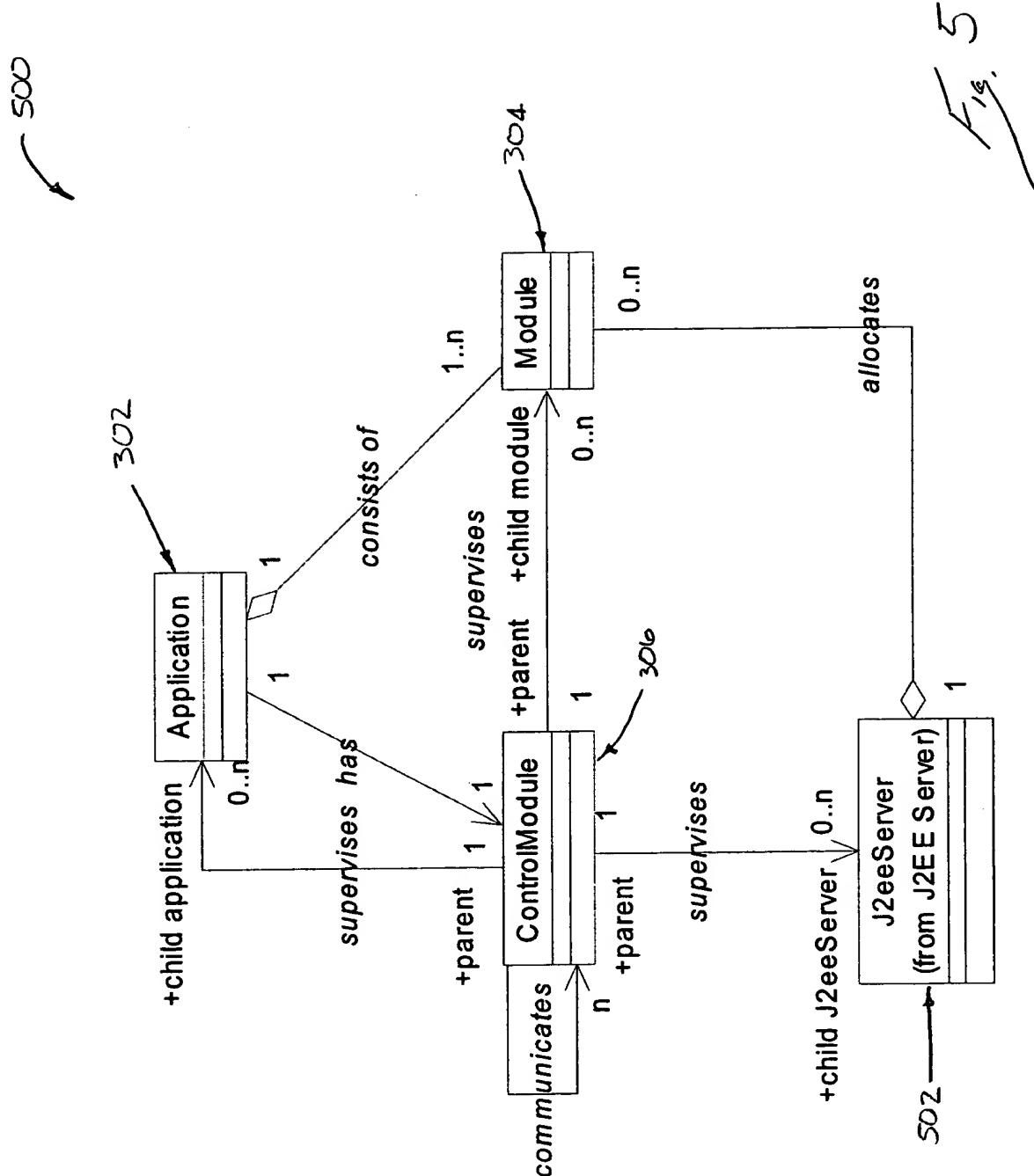


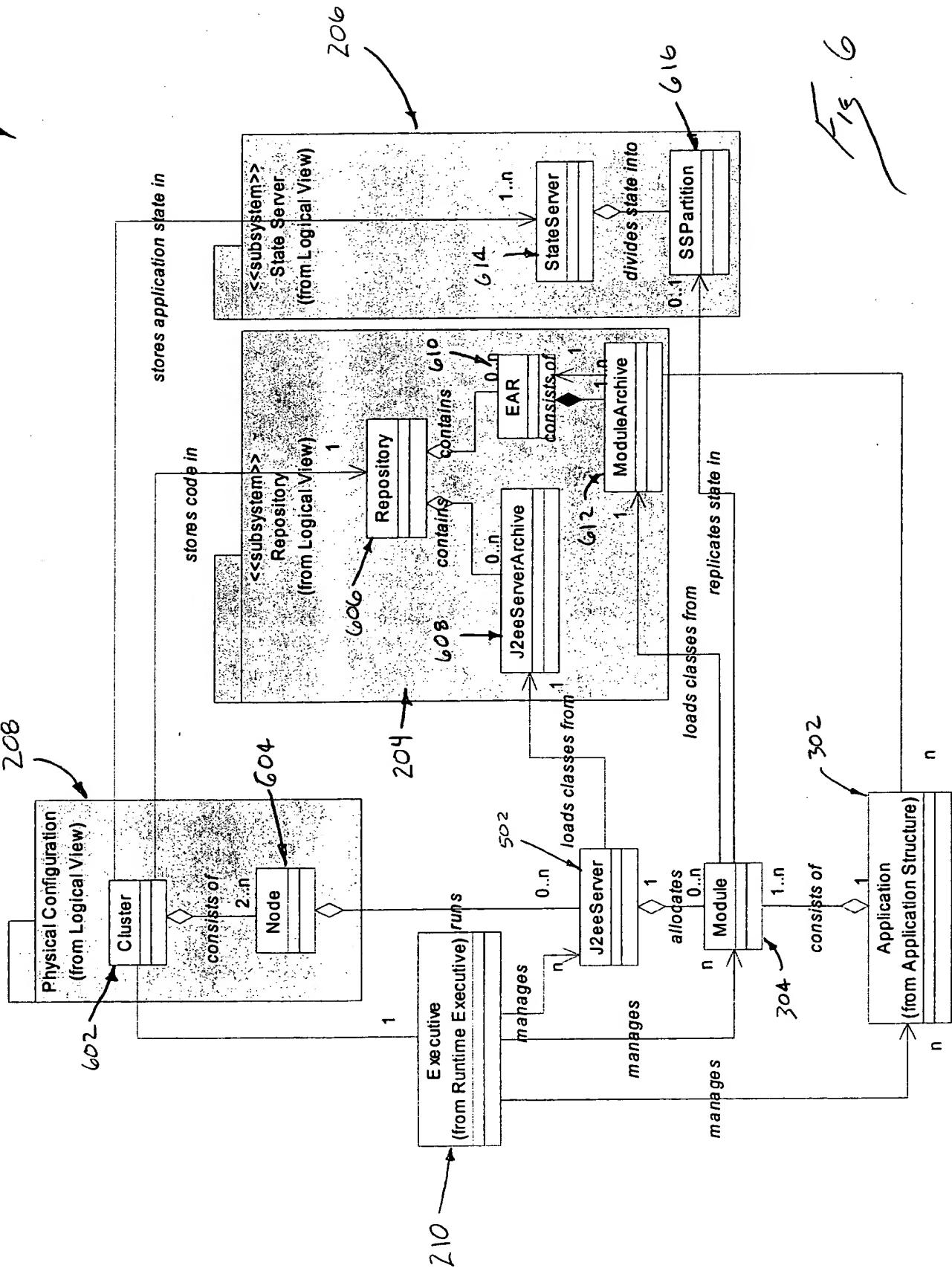
Fig 3B

302

303 304 305 306







700

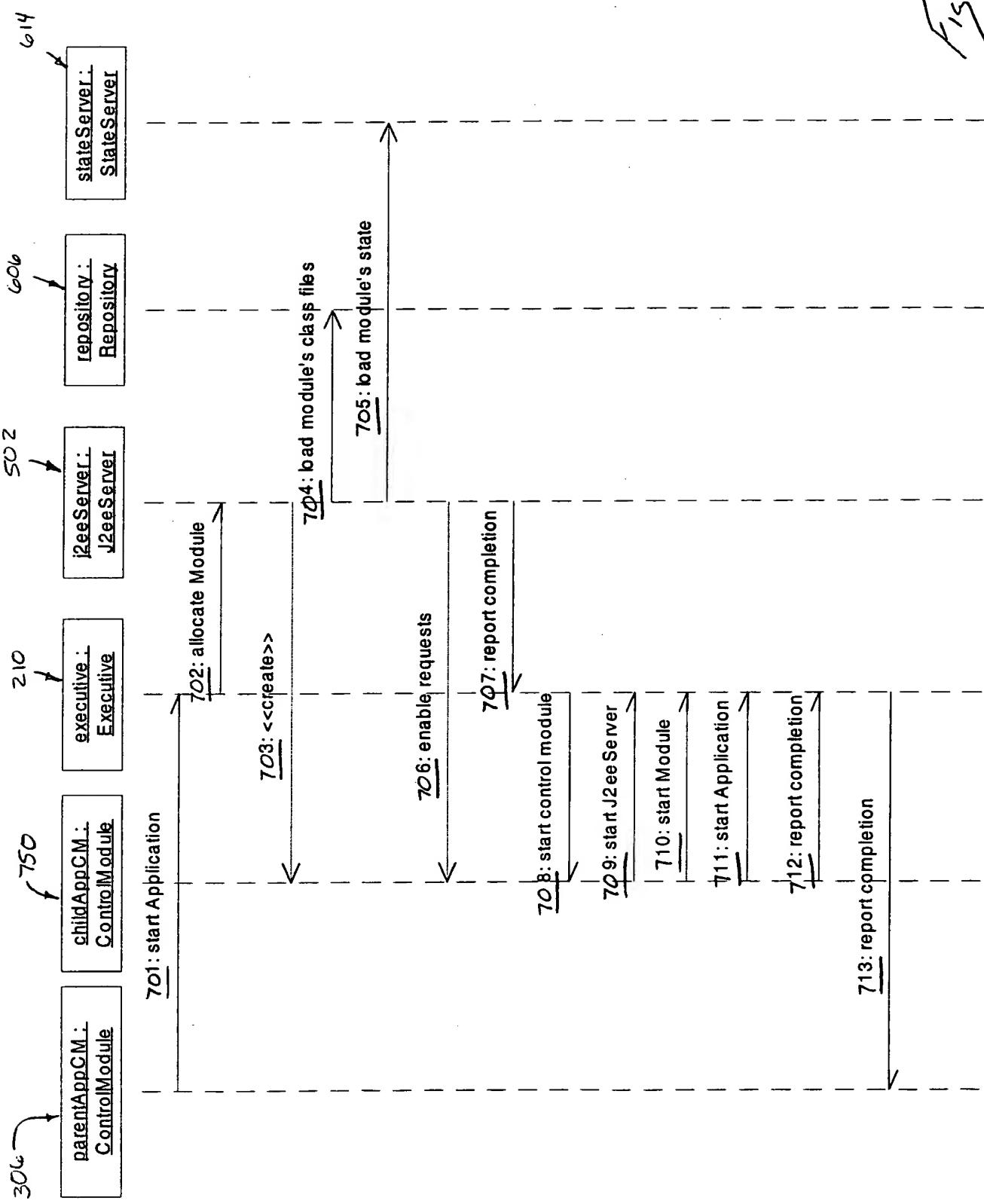


Fig. 7

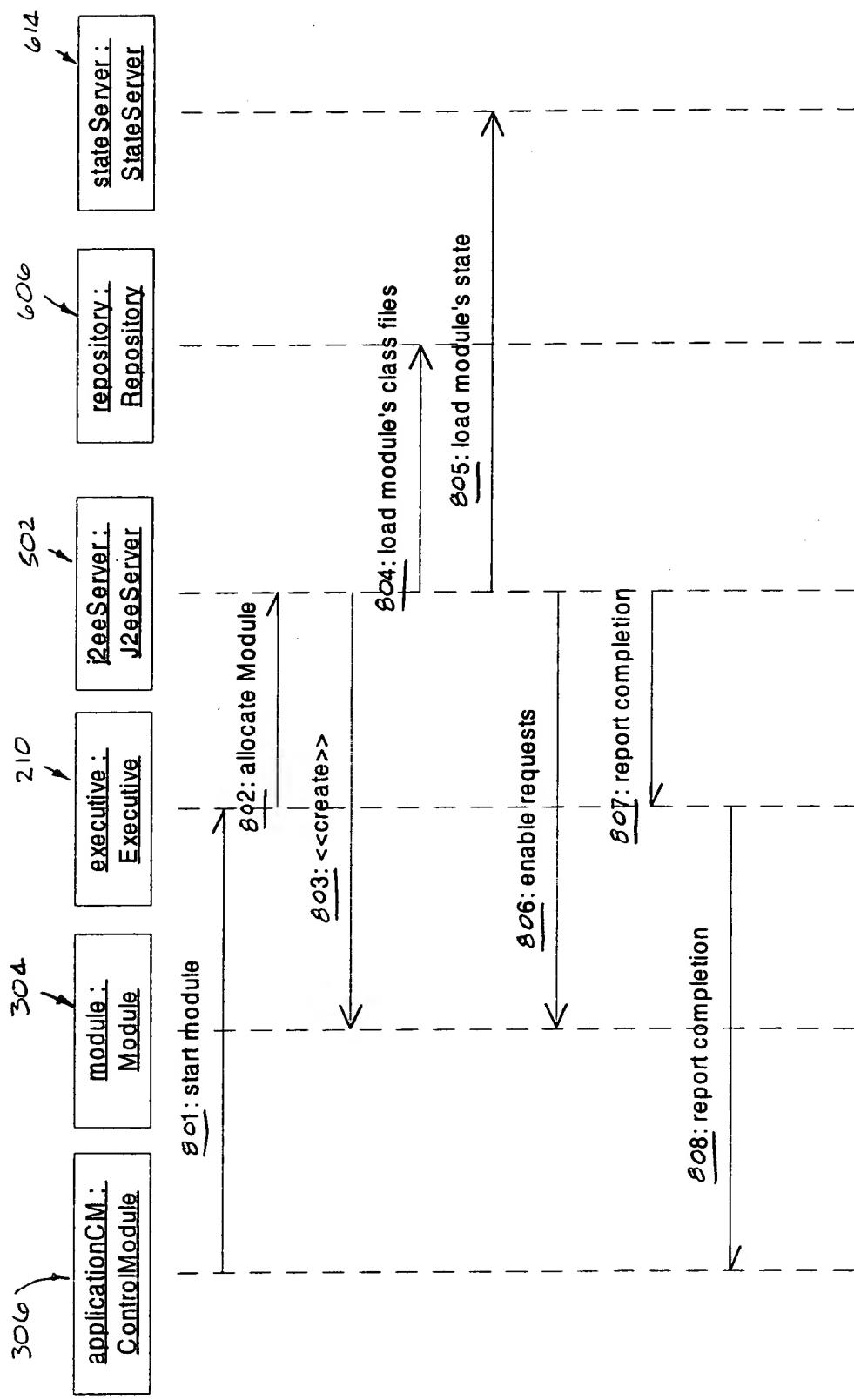
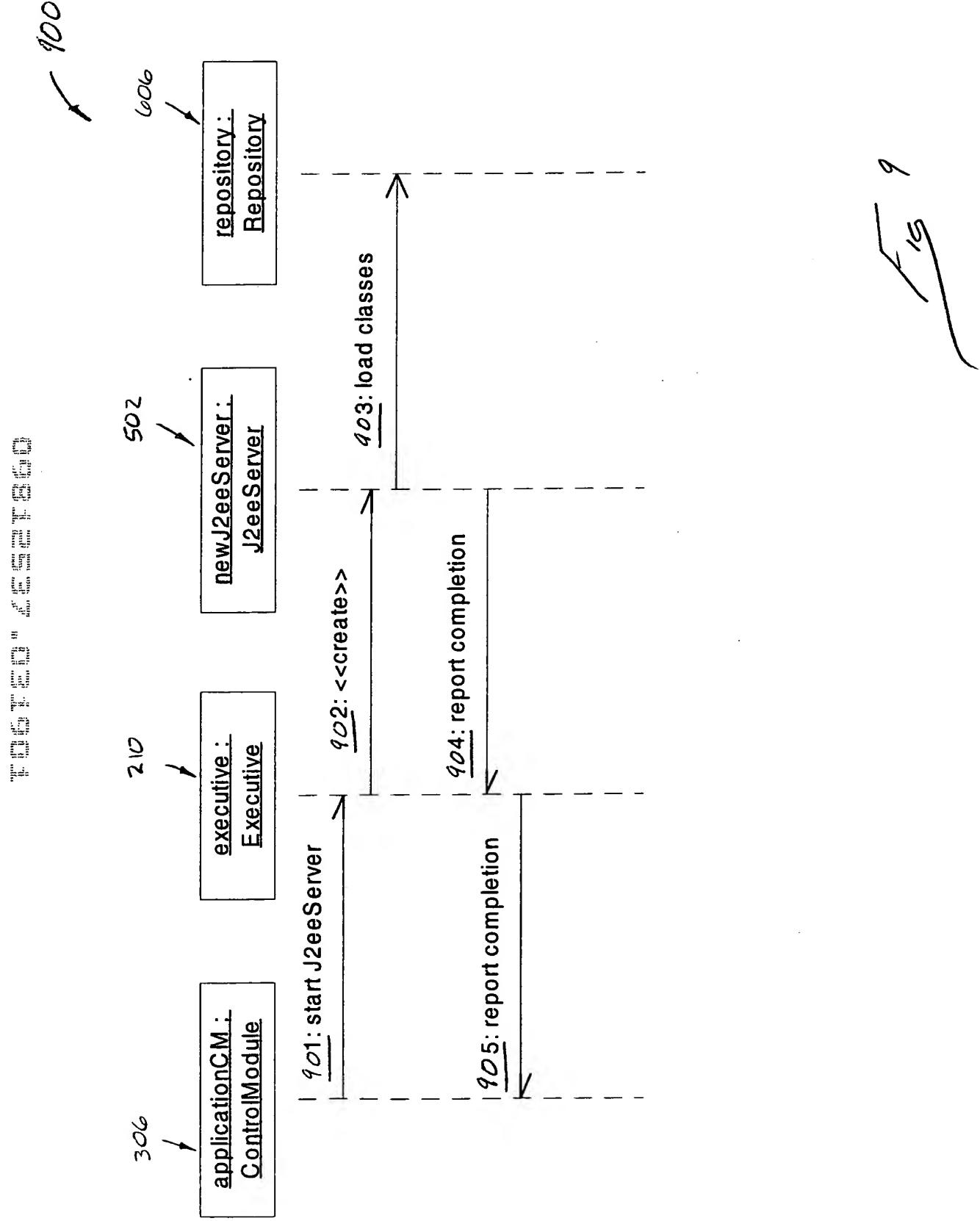
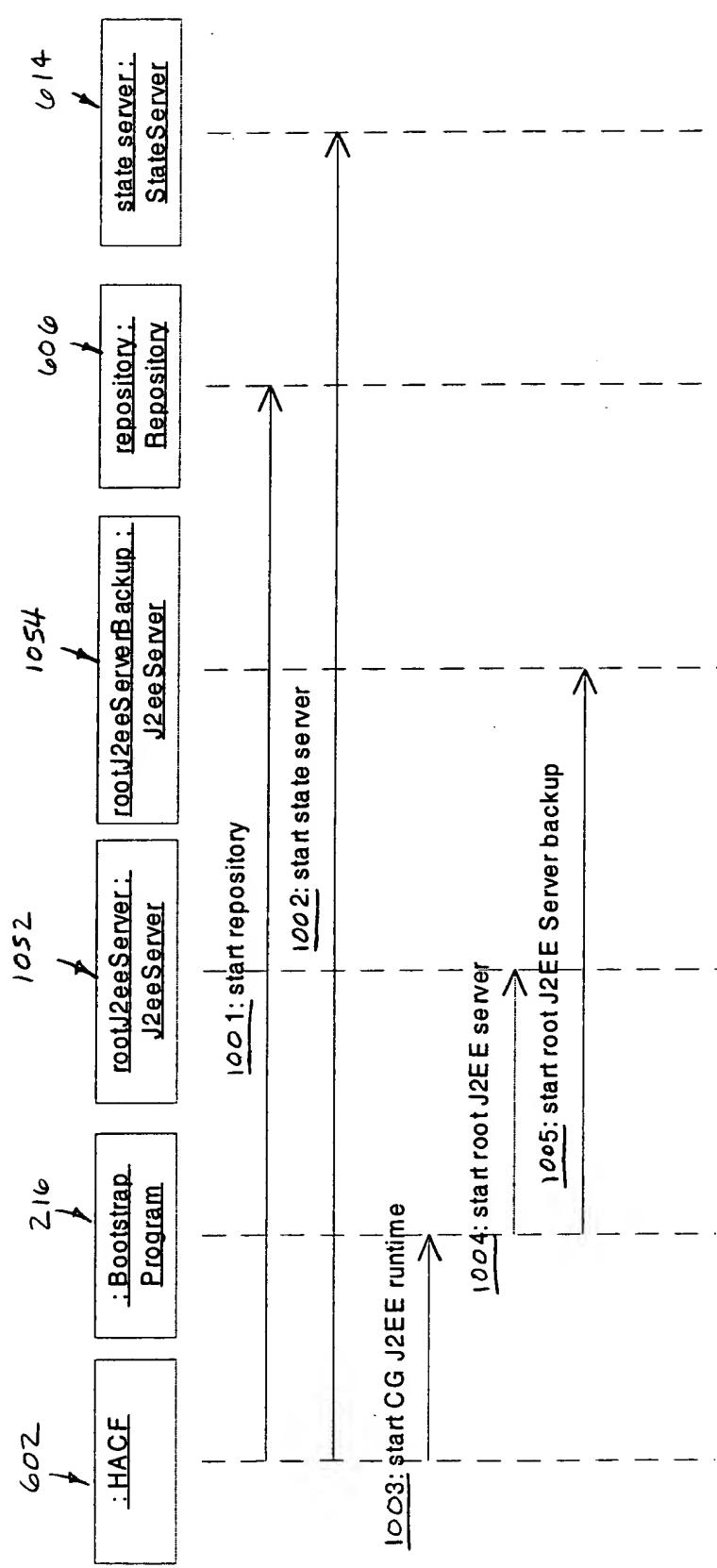


Fig 8



1000 →



← 10A

1000

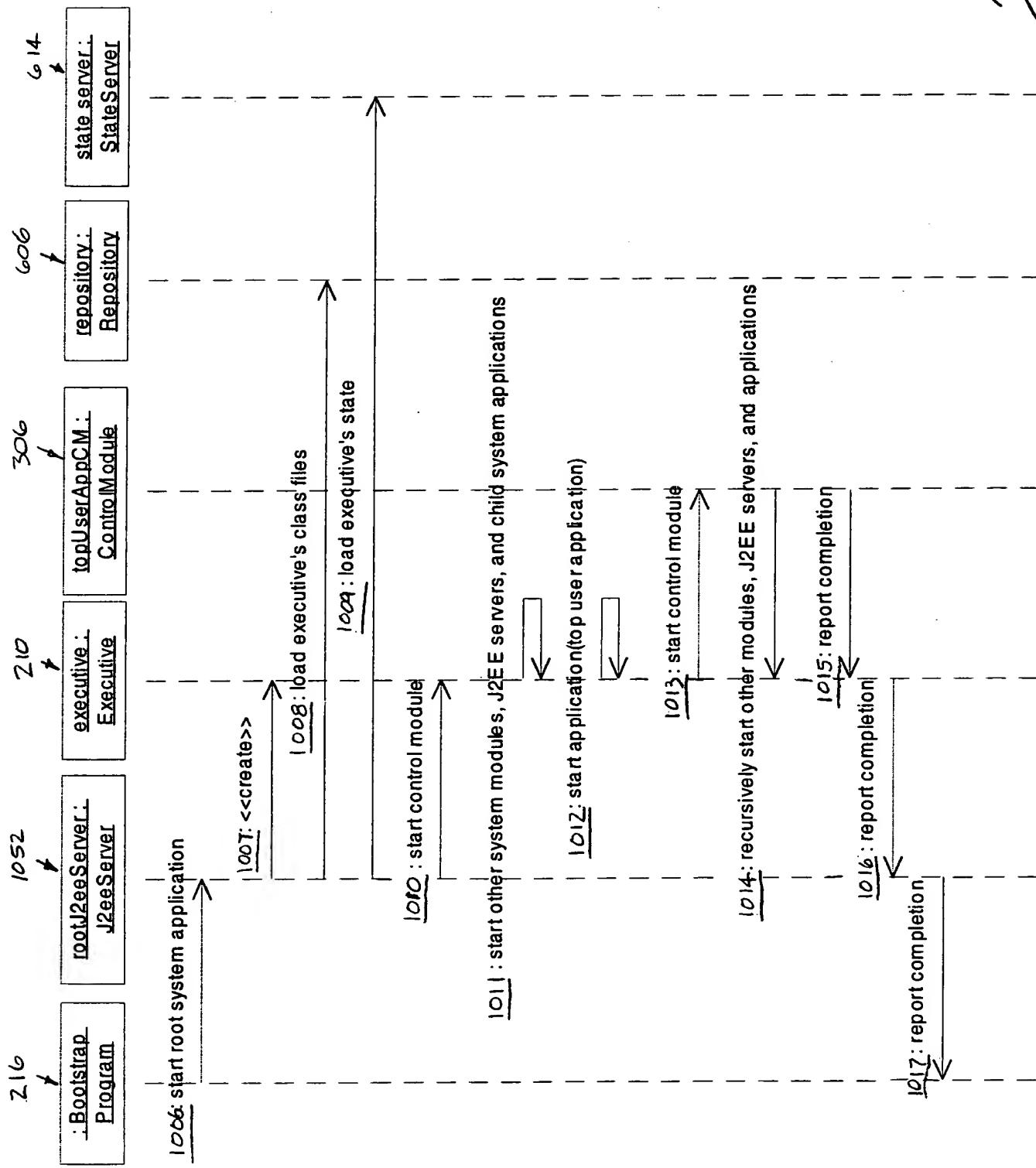


Fig 10B

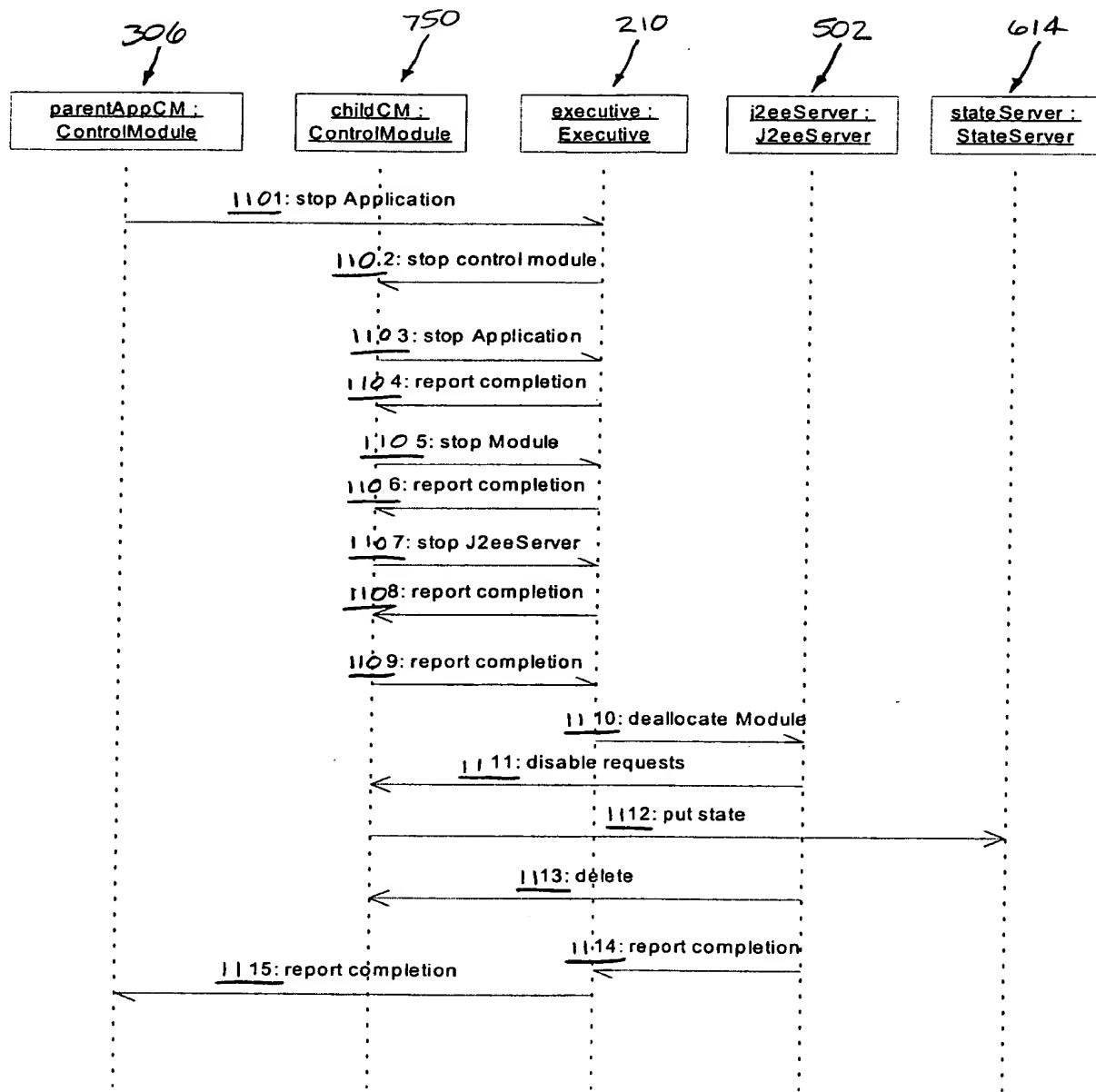


Fig. 11

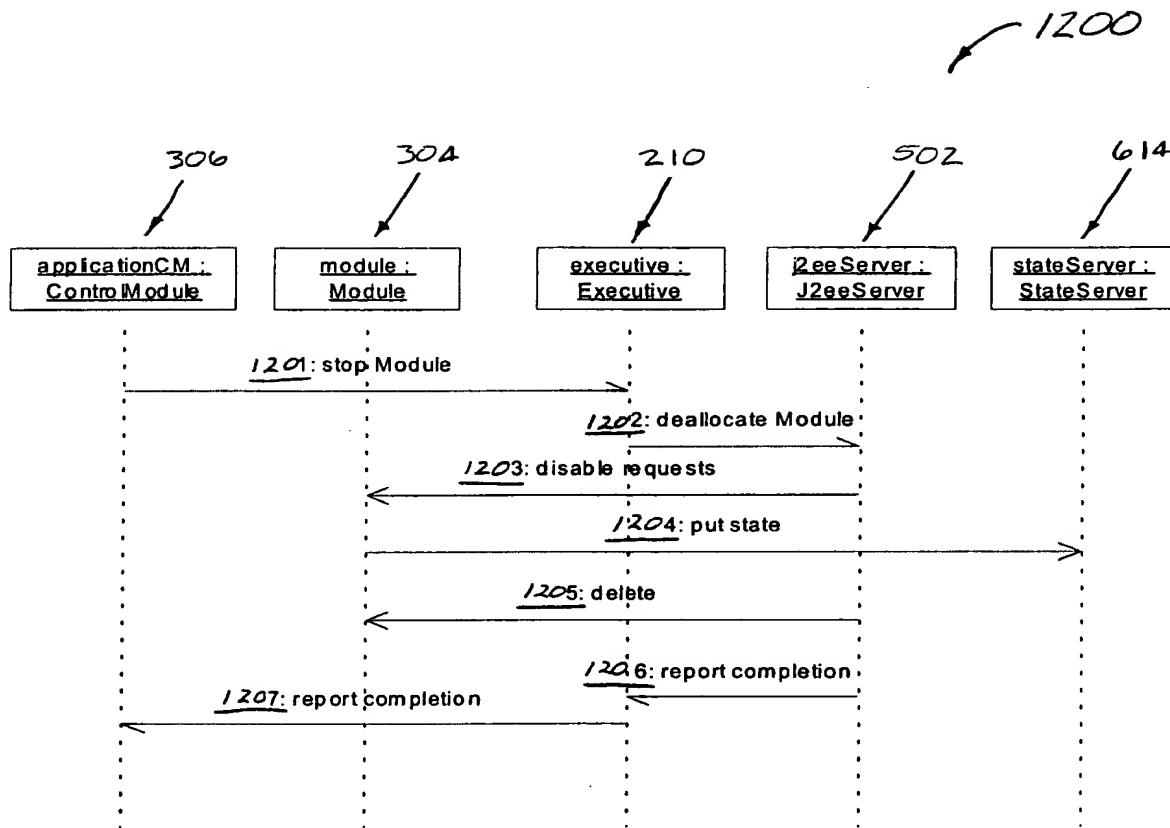
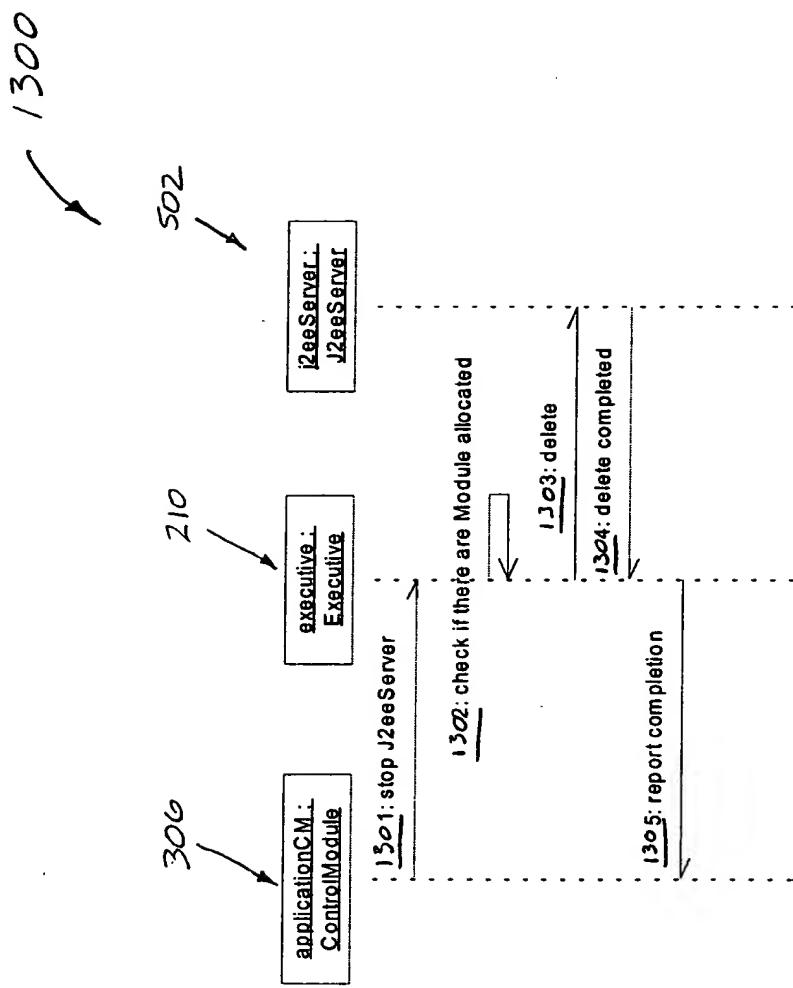


Fig. 12

1300 → 1301 → 1302 → 1303 → 1304 → 1305



13 → 1305

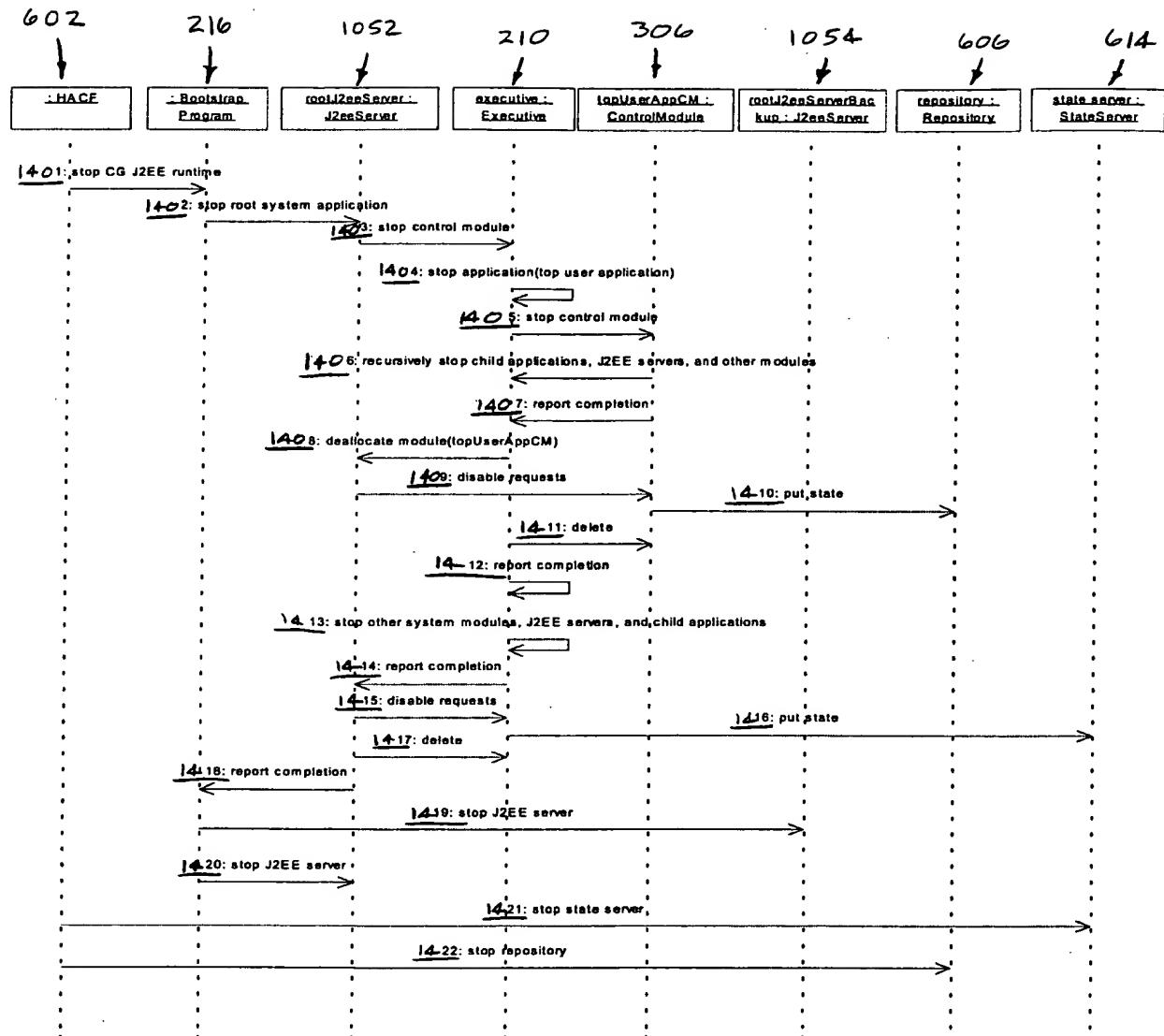
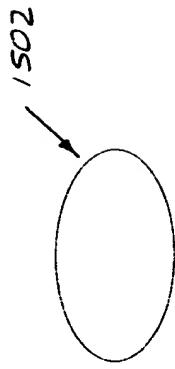


Fig. 14

1500  
1502



Monitor Resources

(from Use Case View)



Reallocate Resources

(from Use Case View)



Move Module

Poll Resource Usage      Notify Resource Usage



15  
15

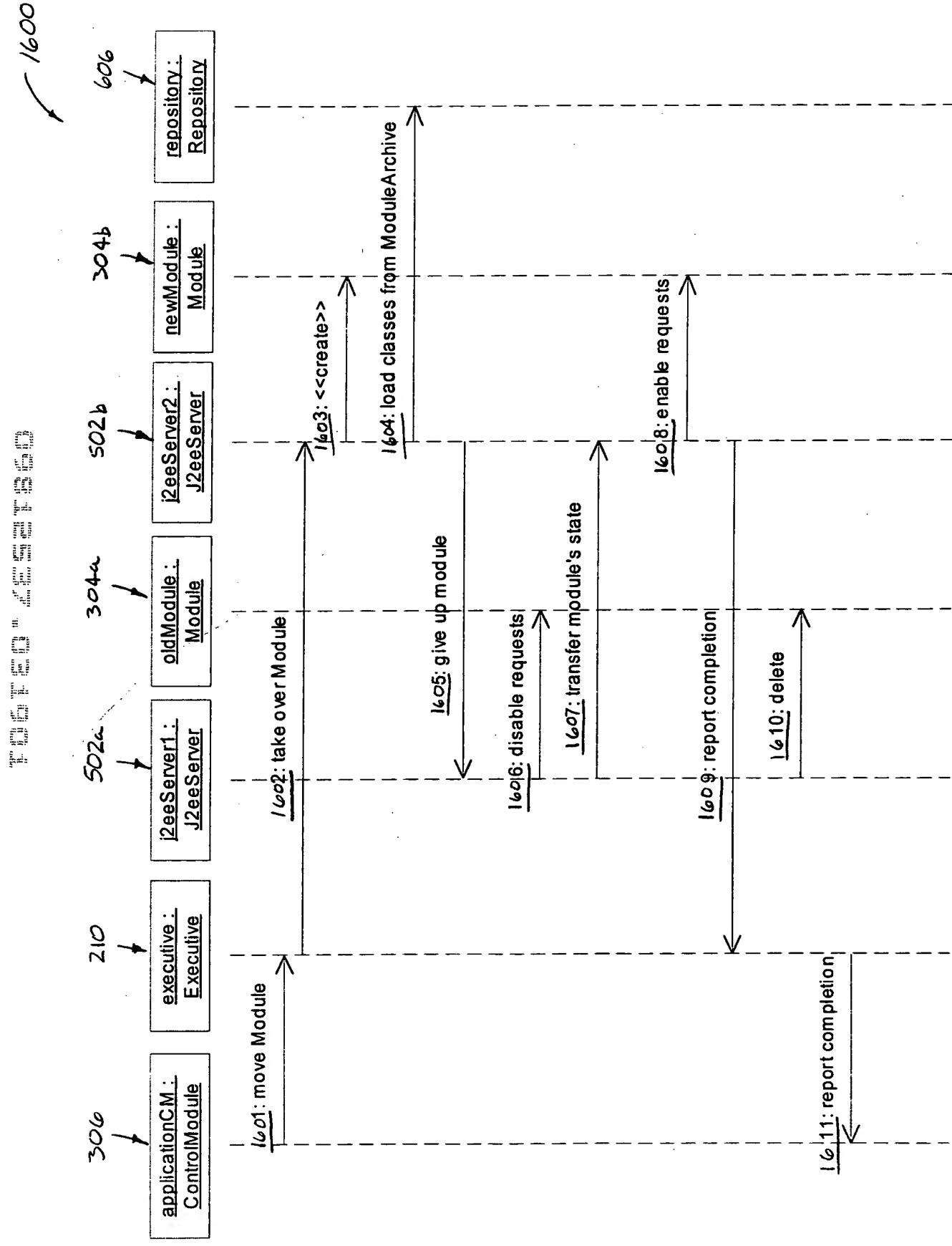


Fig. 16